a prosthesis positioning mechanism selectively releasable from the prosthesis when the prosthesis is positioned at a desired site in the lumen of a patient;

a first control member separable from the prosthesis positioning mechanism, retaining the prosthesis positioning mechanism with the proximal portion of the prosthesis, and controlling at least the longitudinal position of the proximal portion of the prosthesis; and

a second control member controlling at least the longitudinal position of the distal portion of the prosthesis.

Amend Claim 4 as follows:

4. (Twice amended) The introducer according to claim 2, wherein said proximal attachment region includes a proximal attachment device.

Amend Claim 8 as follows:

8. (Twice amended) The introducer according to any one of claims 1 through 4, wherein the introducer further comprises an expansion control mechanism controlling expansion of the prosthesis when the prosthesis is positioned at the desired site in the lumen of the patient.

Amend Claim 9 as follows:

9. (Twice amended) An endovascular arrangement for positioning an expandable prosthesis at a desired location in a lumen of a patient, said arrangement comprising a control section to be maintained external to the patient, and a prosthesis positioning mechanism controllable by the control section for moving and manipulating the prosthesis to a desired location in the lumen, wherein a first member extends from the control section to a proximal region of the positioning mechanism and controls the longitudinal

and rotational position of the proximal region of the positioning mechanism, the proximal region of the positioning mechanism having means for controlling the proximal end of the prosthesis, wherein a second member extends from the control section to a distal region of the positioning mechanism and independent of the first member controls the longitudinal and rotation position of the distal region of the positioning mechanism, the distal region having means for controlling the distal end of the prosthesis in cooperation with the second member.

B3

18. (Twice amended) The arrangement according to any one of claims 9 through 11, wherein the second member has means for controlling the distal end of the stent whilst the latter is inside the tubular means.

B4

19. (Twice amended) The arrangement according to any one of claims 9 through 11, wherein the arrangement further comprises release mechanisms in the control section for controlling wires extending to respective stents of the prosthesis.

20. (Twice amended) The arrangement according to any one of claims 9 through 11, wherein the prosthesis positioning mechanism comprises a control arrangement for controlling the length of the prosthesis.

21. (Twice amended) The arrangement according to any one of claims 9 through 11, wherein the prosthesis positioning mechanism comprises a rotational arrangement by which the relative angular orientation of the proximal and distal portions of the prosthesis can be adjusted.

22. (Twice amended) The arrangement according to any one of claims 9 through 11, wherein the prosthesis positioning mechanism comprises a rotational arrangement by which the angular orientation of the prosthesis can be adjusted.

B4

23. (Twice amended) The arrangement according to any one of claims 9 through 11, wherein the arrangement further comprises an expansion control mechanism for controlling expansion of the prosthesis when the prosthesis is positioned at the desired site in the lumen of the patient.

Amend Claim 24 as follows:

24. (Amended) An introducer adapted for the introduction of a self expanding endovascular prosthesis into a lumen of a patient, the prosthesis having a proximal end and a distal end, the introducer comprising.

a. a proximal attachment device adapted to be attached to the proximal end of the prosthesis,

b. distal attachment device adapted to be attached to the distal end of the prosthesis,

B5

c. each of the proximal and distal attachment devices attaching to the prosthesis in such a manner that the prosthesis can be held in tension therebetween and that each end of the prosthesis can individually be moved in proximal and distal directions and be rotated independent of the other, and

d. proximal releasing means associated with and separable from the proximal attachment device and distal releasing means associated with and separable from the distal attachment device to enable selective releasing of the proximal and distal ends of the prosthesis.

Amend claim 27 as follows:

B6

27. (Twice amended) An introducer as in claim 26 wherein the flexible thin walled tube includes fluid connection means external of the patient to enable the introduction of a medical reagent therethrough.